

**2 0 1 4**

**COMMERCE**

**( Information Technology and its  
Implications in Business )**

**( Speciality )**

Full Marks : 70

Pass Marks : 28

**Time : 3 hours**

*The figures in the margin indicate full marks  
for the questions*

1. (a) (i) Define the term 'information'.  
(ii) Discuss the factors that determine  
the value of information.  
(iii) Describe briefly the different  
categories of information. 2+6+6=14

**Or**

- (b) (i) Describe the different components  
of Information Technology.  
(ii) Evaluate the impact of IT  
(Information Technology) on  
business.

**14**

2. (a) Differentiate between primary memory and secondary memory. Describe some of the storage devices used in computer.

4+10=14

Or

- (b) (i) Discuss about the different number systems we have.

(ii) Convert  $(55)_{10}$  into its binary equivalent.

(iii) Convert  $(10101)_2$  into its decimal equivalent.

(iv) Write the full forms of the following abbreviations :

EPROM and EBCDIC

(v) A cylinder cannot be found on a floppy disk. Why?

6+2+2+2+2=14

3. (a) What is software? Differentiate between system software and application software. Describe the functions of utility software.

1+4+9=14

Or

(b) What is meant by transmission media? Discuss about the different types of guided and unguided media used in computer network.

2+12=14



4. (a) Discuss briefly about the different components of a database system. Describe the following terms in connection with database system :

(i) Primary key and alternate key

(ii) Indexing of records

(iii) Searching records  $8+(2 \times 3)=14$

Or

- (b) Write briefly on the following :  $3\frac{1}{2} \times 4=14$

(i) Inserting header and footer in a MS-Word document

(ii) Use of find and replace function in MS-Word

(iii) Difference between formula and function in MS-Excel

(iv) Use of autosum function in MS-Excel. Explain with an example.

5. (a) Define the term EDI. What are its advantages? Explain how EDI works.

$2+7+5=14$

Or

- (b) What is meant by network protocol? Explain the different protocols used in internet.

$2+12=14$

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